

BID #2768

State of Rhode Island
Department of Administration
Division of Purchases
Providence, Rhode Island 02908

Specification
For
Calculators, Electronic

Spec. No. 7410-01

Date: 9/15/99

Supersedes 11/26/86

1. CLASSIFICATION AND SCOPE:

1.1. SCOPE: This specification shall cover the needs of agencies for Electronic Calculators.

1.2 CLASSIFICATION:

DESK TOP, GENERAL/BUSINESS

TYPE I. 12 Digit Display

4 Arithmetic Operation

Clear Entry

Clear Total

Floating Decimal Point with Under and Overflow

Percent

Independent Memory (minimum 1)

Automatic Constant

Non-Add Key

TYPE II. 12 Digit Printer Only, Meeting All the Other Requirements of Item No. 1.

TYPE III 12 Digit Printer with display, Meeting all the other requirements of Item No. 1 and No. 2.

2. APPLICABLE SPECIFICATION:

2.1 The following specification and test methods, of the issue in effect on date of Invitation for Bids, forms a part of this specification to the extent specified herein.

American Society for Testing and Materials, ASTM-D-256. Underwriters Laboratories (U.L.) Test Method and Approved.

6. PREPARATION FOR DELIVERY.

- 6.1 Packaging: Unless otherwise specified, commercial packages will be acceptable under this specification.
- 6.2 Delivery: Vendor is required to deliver and set up each electronic calculator leaving it in satisfactory running condition and remove all debris that may occur.

7. NOTE:

- 7.1. Samples: This specification adequately describes the characteristics necessary to secure the desired calculator and normally no samples will be necessary prior to bid opening to determine compliance with this specification. However, if samples are necessary, they will be specifically asked for in the invitation for bids.
- 7.2 Information to be Included with Bid.
- 7.2.1. Two (2) copies of detailed specifications, circulars and descriptive literature outlining the use of the commodity.
- 7.2.2. Two (2) copies of the printed retail price list.
- 7.2.3. Two (2) copies of the Guarantee on the commodity bid and proposed to be furnished to the State and location of service facilities to guarantee service during the Warranty Period.

3. REQUIREMENTS:

3.1 The following requirements are mandatory for all calculators purchased under this specification.

3.1.1. Standard size keyboard, buffered, housing constructed of high impact material, power on-off switch, and single key for each function.

3.1.2 Standard new equipment, latest model at regular stock item.

3.1.3. Paper Rolls: Standard two and one-fourth (2 $\frac{1}{4}$) inch width. Stationery Store Item No. S1.

3.1.4. Capable of operating on 120 V single phase AC power and equipped with heavy duty 3 wire cord, U.L. approved, minimum six (6) foot long, with three (3) prong plug.

3.1.5. Noiseless.

3.1.6. Provision for warning operator when capacity is exceeded or results are incorrect.

3.1.7. Constant Algebraic Logic.

3.1.8. Legible display, digit size minimum one-eighth (1/8).

3.1.9. " Click Stop" Design Keys.

3.1.10. Negative entries printed in red.

4. GUARANTEE AND SERVICE:

4.1. The Bidder must guarantee all machines for one (1) year and shall maintain service facilities within the area of the agencies, properly equipped and staffed to guarantee service within twenty-four (24) hours of notification of the using agency during the warranty period without cost to the State.

5. SAMPLING AND INSPECTION:

5.1. Sampling: Unless otherwise specified, samples will be taken at random by the inspector at the point of delivery.

5.2 Inspection: Unless otherwise specified, the inspecting authority shall inspect the samples for compliance to this specification.

**STATE OF RHODE ISLAND
DEPARTMENT OF ADMINISTRATION
ONE CAPITOL HILL
PROVIDENCE, RI 02908**

BID #2768

**ACCEPTABLE BRANDS LIST 7410-A Calculators, Electric
Date: 8/15/99 Supersedes: 5/1/98**

AUTHORITY: This Acceptable Brands List has been approved by the Advisory Committee for Business Machines.

SCOPE: Electronic Calculators purchased under this Acceptable Brands List shall be limited to the Manufacturers and their products listed herein.

MANUFACTURERS

**Canon U.S.A., Inc.
2110 Washington Boulevard, Suite 150
Arlington, VA 22204-5799
Tel. 703-807-3872**

**Monroe Systems for Business, Inc.
1000 The American Road
Morris Plains, NJ 07950
Tel. 201-993-2618**

**Raymond J. Packer Company
51 Doty Circle
West Springfield, MA 01089
Tel. 413-733-4129**

**Sharp Electronics Corporation
Sharp Plaza
Government Accounts – Box B
Mahwah, NJ 07430**

1. The manufacturers listed are alphabetically placed and no preference is intended to be shown.
2. The Standards and Inspection Section must be notified in writing of any changes in design, alteration or service of any kind to the products listed herein subsequent to their inclusion on this Acceptable Brands List. Failure to submit detailed information concerning such changes shall be sufficient justification for removal of that brand from the Acceptable Brands List.
3. Application for consideration of additional brands for inclusion on this Acceptable Brands List may be submitted in writing to the Standards Section, Office of Purchases, One Capitol Hill, Providence, RI 02908-5855
4. Only established products that have been tested and found to meet or exceed the minimum requirements of the State of Rhode Island Specification No. 7410-01, dated September 15, 1999, will be considered for inclusion on this Acceptable Brands List.

Type	Manufacturer	Model #
01. 12 Digit display, desk top general, meeting the minimum requirements of Specification No. 7410-01 dated: 9/15/99	Canon Monroe Packer Sharp	0S1200 SB-12 S2122 QS-2122H
02. 12 Digit Printer, desk top general, meeting the minimum requirements of Specification No. 7410-01 dated: 9/15/99	Canon Monroe Packer Sharp	----- 2020 Plus E-2326PD CS-2194
03. 12 Digit Printer with display, Desk Top General meeting the minimum requirements of Specification No. 7410-01 dated: 9/15/99	Canon Monroe Packer Sharp	CP1213D 2020Plus A1200PD CS-2194